

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 2 PART SILICONE RUBBER CASTING RESIN, ROOM TEMPERATURE CURING

PART NUMBER: M-SILCC-DDD (WHERE DDD=MATERIAL DUROMETER, IE. FOR 65A DUROMETER, P/N IS M-SILCC-65A)

## FOR M-SILCC-65A:

SUPPLIER: MCMASTER CARR #8595K77 ROOM TEMPERATURE HEAT CURE SILICONE  
FROM SIL-PAK, INC., POMONA, CALIFORNIA 91767 (PART NUMBER: R2374 A/B)

### PHYSICAL PROPERTIES (TYPICAL VALUES):

Color:	Uncured Compound: A -Tan/B --Blue
Color:	Mixed Compound: Royal Blue
Viscosity @ R.T.:	Mixed 90,000 cps
Specific Gravity:	1.28
Mixing Ratio A/B:	100/10
Shore A Hardness:	65
Shelf Life:	6 months
Elongation (%):	150
Tensile Strength (PSI):	710
Tear Strength (PSI):	95
Coefficient of Thermal Expansion (cm/cm/c):	8.4 x 10 <sup>-4</sup>
Shrinkage (48 hrs@ 77°F):	0.001 inch/inch
Service Temperature:	-70°F to 400°F
Work Time:	2 hrs
Cure Time:	16 - 24 hours
Coverage:	21 cubic / inch / lb

**RELEASED**

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	M-SILCC	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	SILICONE CASTING COMPOUND	NTS
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